

In the Claims

The following Listing of Claims replaces all prior versions in the application:

LISTING OF CLAIMS

1. (Previously presented) A wireless communication device which provides communication capability for a personal data assistant, the device comprising:
 - a housing adapted to detachably mate with the personal data assistant and be portable therewith;
 - a modem within the housing, the modem adapted to provide exclusive wireless communication capability for the personal data assistant through an established communication link between the modem and the personal data assistant; and
 - logic in the housing adapted to periodically check for message notifications and provide notification of same independently of the established communication link, said logic being capable of operation while the personal data assistant is mated to the housing and is running a separate application.

2. (Original) A wireless communication device as recited in Claim 1, the device further comprising:
 - an interface board which provides connectivity between the modem and the personal data assistant.

3. (Original) A wireless communication device as recited in Claim 2, wherein the communications is electronic mail.

4. (Original) A wireless communication device as recited in Claim 1, wherein the personal data assistant is a hand-held data organizer.

5. (Original) A wireless communication device as recited in Claim 1, the device further comprising:

a battery for providing power to the wireless communication device.

6. (Original) A wireless communication device as recited in Claim 2, the device further comprising:

a connector board for providing electrical connectivity between the modem and the interface board.

7. (Original) A wireless communication device as recited in Claim 6, wherein the connector board provides mechanical offset between the modem and the interface board.

8. (Original) A wireless communication device as recited in Claim 7, wherein the mechanical offset allows the modem and the interface board to fit compactly within the wireless communication device.

9. (Original) A wireless communication device as recited in Claim 5, the device further comprising:

a LED light, where the LED light indicates the charge of the battery.

10. (Original) A wireless communication device as recited in Claim 1, the device further comprising:

a LED light, where the LED light indicates if the modem has received data.

11. (Original) A wireless communication device as recited in Claim 1, the device further comprising:

a LED light, where the LED light indicates if the modem has transmitted data.

12. (Original) A wireless communication device as recited in Claim 1, the device further comprising:

a LED light, where the LED light indicates if the modem is registered.

13. (Original) A wireless communication device as recited in Claim 1, the device further comprising:

a LED light, where the LED light flashes to indicate a server has communications.

14. (Currently amended) A wireless communication device as recited in Claim 1, wherein the modem is a standard PCMCIA card capable of supporting a communication protocol

including one of cellular digital packet data (CDPD) protocol and code-division multiple access (CDMA)-protocol modem.

15. (Original) A wireless communication device as recited in Claim 1, wherein the logic is a mini microchip.

16. (Canceled)

17. (Previously Presented) A wireless communication device as recited in Claim 1; wherein the message notifications indicates that a server has communications for a user.

18. (Original) A wireless communication device as recited in Claim 17, wherein the logic periodically checks for message notifications while the modem is not in use.

19. (Original) A wireless communication device as recited in Claim 1, wherein the housing provides a compact configuration for the wireless communication device.

20. (Original) A wireless communication device as recited in Claim 1, wherein the logic is a field programmable gate array (FPGA).

21. (Original) A wireless communication device as recited in Claim 1, wherein the logic is an application specific integrated circuit (ASIC).

22. (Original) A wireless communication device as recited in Claim 1, wherein the logic is a processor.

23. (Original) A wireless communication device as recited in Claim 1, wherein the logic is programmable logic.

24. (Original) A wireless communication device as recited in Claim 17, wherein the logic periodically checks for message notifications while the modem is in a powered down state.

25. (Original) A wireless communication device as recited in Claim 1, the device further comprising:

a detachable antenna coupled with the wireless communication device, where the detachable antenna may be detached when the wireless communication device is not in use.

26. (Previously amended) A handheld communication device which provides wireless communication capability for a personal data assistant, the device comprising:

a housing adapted to detachably mate with the personal data assistant and be portable therewith;

a modem disposed in the housing, the modem adapted to provide exclusive wireless communication for the personal data assistant through an established communication link; logic in communication with the handheld communication device, the logic adapted to periodically check for message notifications and provide indication of same independently of the

established communication link, said logic being capable of operation while the personal data assistant is mated to the housing and is running a separate application; and an indicator which is activated when the logic determines that the modem has received communications, said indicator operating independently of said established communication link.

27. (Original) A handheld communication device as recited in Claim 26, the device further comprising:

an interface board for connectivity between the handheld communication device and the personal data assistant.

28. (Original) A handheld communication device as recited in Claim 27, the device further comprising:

a housing which encloses the interface board, the modem and the logic, where the housing provides a compact configuration for the handheld communication device.

29. (Original) A handheld communication device as recited in Claim 28, the device further comprising:

a connector board which provides mechanical offset between the interface board and the modem such that interface board and the modem fit compactly within the housing of the handheld communication device.

30. (Original) A handheld communication device as recited in Claim 26, wherein the personal data assistant is a handheld data organizer.

31. (Original) A handheld communication device as recited in Claim 26, wherein the indicator is activated while the personal data assistant is running another application.

32. (Original) A handheld communication device as recited in Claim 26, wherein the logic checks for communications received by the modem while the personal data assistant is running another application.

33. (Original) A handheld communication device as recited in Claim 26, wherein the indicator is an LED.

34. (Original) A handheld communication device as recited in Claim 26, the device further comprising:

a detachable antenna attached to the handheld communication device.

35. (Original) A handheld communication device as recited in Claims 26, wherein the message notifications indicate when a user receives communications.

36. (Previously presented) A communication device for providing wireless communication for a personal data assistant, the device comprising:
a housing adapted to detachably mate with the personal data assistant and be portable therewith;

a modem disposed in the housing for receiving communications, the modem adapted to provide exclusive wireless communication capability to the personal data assistant; an interface in communication with the personal data assistant where the interface provides connectivity between both the communication device and the personal data assistant; and logic in communication with the communication device, wherein the logic periodically checks if communications have been received and provides indication of same independently of the connectivity between the communication device and the personal data assistant, said logic further being capable of operation while the personal data assistant is mated to the housing and is running a separate application.

37. (Original) A communication device as recited in Claim 36, the device further comprising:

a housing having a compact configuration enclosing the modem, the interface and the logic, where the compact configuration of the housing provides a compact configuration for the communication device.

38. (Original) A communication device as recited in Claim 36, wherein the logic periodically checks for received communications while a user of the personal data assistant is running another application.

39. (Original) A communication device as recited in Claim 36, wherein the personal data assistant is a handheld data organizer.

40. (Original) A communication device as recited in Claim 36, wherein the logic is a mini microchip.

41. (Original) A communication device as recited in Claim 37, wherein the logic activates an indicator if communications have been received.

42. (Original) A communication device as recited in Claim 41, wherein the indicator is a LED.

43. (Original) A communication device as recited in Claim 36, wherein the logic is a field programmable gate array (FPGA).

44. (Original) A communication device as recited in Claim 36, wherein the logic is programmable logic.

45. (Original) A communication device as recited in Claim 36, wherein the logic is an application specific integrated circuit (ASIC).

46. (Original) A communication device as recited in Claim 36, the device further comprising:

a detachable antenna attached to the communication device.